

# FL SFP WDM10-B - Media module



2702441

<https://www.phoenixcontact.com/us/products/2702441>

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Gigabit SFP WDM module for transmission up to a maximum of 10 km on a single fiber with a wavelength of 1550/1310 nm.

## Product description

SFP WDM module with a data transmission speed of 1000 Mbps, a wavelength of 1310/1550 nm, and a maximum transmission length of 10 km.

## Your advantages

- MSA compliant

## Commercial data

Item number	2702441
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN22
Product key	DNN1ZS
Catalog page	Page 333 (C-6-2019)
GTIN	4055626208275
Weight per piece (including packing)	36.3 g
Weight per piece (excluding packing)	33 g
Customs tariff number	85176200
Country of origin	TW

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## Technical data

### Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

### Material specifications

Housing material	Metal
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### Mounting

Mounting type	Insert in SFP slot
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### Interfaces

#### Ethernet FO

Connection method	LC
Transmission speed	1 Gbps
Transmit capacity, minimum	-9 dBm
Transmit capacity, maximum	-3 dBm
Minimum receiver sensitivity	-21 dBm
Maximum receiver sensitivity	0 dBm
Transmission physics	Single-mode fiberglass
Transmission length	10 km (Fiberglass 9/125)
Wavelength	1550 nm (TX) 1310 nm (RX)
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC single mode)
Transmit capacity, minimum	-9 dBm
Transmit capacity, maximum	-3 dBm
Minimum receiver sensitivity	0 dBm
Maximum receiver sensitivity	-21 dBm

### Product properties

Type	Factoryline devices with SFP slot
Product type	SFP module
MTTF	200 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1)
Format	SFP (Small Form-factor Pluggable)

### Signaling

Status display	via a Factoryline device
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### Electrical properties

Maximum power dissipation for nominal condition	1 W
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Transmission medium	FO
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## Supply

Supply voltage	3.3 V (via Factoryline switch)
Power supply connection	via SFP slot
Max. current consumption	300 mA
Current consumption	300 mA

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)
Case temperature	max. 85 °C (Operation)

## Standards and regulations

Standard designation	Laser equipment safety
Standards/specifications	IEC 60825

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702441>



**DNV GL**

Approval ID: TAA00000YV



**LR**

Approval ID: LR22250919TA



**NK**

Approval ID: TA19464M



**BV**

Approval ID: 48146/A1 BV

**BSH**

Approval ID: Nr. 966



**RINA**

Approval ID: ELE162721XG

**ABS**

Approval ID: 21-2066186-PDA

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## Classifications

### ECLASS

ECLASS-11.0	19179090
ECLASS-12.0	19179090
ECLASS-13.0	19179090

### ETIM

ETIM 8.0	EC000310
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### UNSPSC

UNSPSC 21.0	43222600
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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